

HIGH DENSITY POLYETHYLENE

HDPE - Black

GRADE: 273-79

Typical applications

HDPE grade 273-79 is a high quality material, intended for production of industrial Pipes and Cables sheathing. It is made available primarily in black color and offers outstanding process and mechanical performances

TECHNICAL CHARACTERISTICS

	Parameter	Standard
1.	Density, kg/m ³	0,957 – 0,964
2.	Melt flow index (MFI) at 190°C, g/10 min	0,30-0,50
3.	Melt flow index ratio at N. 2,16kg load MFI (5)	20-45
4.	Melt flow index spread within a batch % minimum	±10
5.	Number of inclusions, pieces, maximum	Not standardized
6.	Mass fraction of ash, % maximum	0,04
7.	Mass fraction of volatiles %, maximum	0,09
8.	Tensile yield strength, MPa minimum	21,6 (220)
9.	Rupture strength, % minimum	24,5 (250)
10.	Elongation at break, % minimum	700

Supply form: Pallets

Packing: Product is packed in polyethylene bags (one bag net weight 25.00 ±0,25kg) and stacked on flat pallets with shrink film. Maximum gross weight of a bundle is 2 tons.

Transport: by all modes of transport.

Storage: polyethylene shall be stored in enclosed dry space preventing from direct sunlight on shelves or pallets at least 5 cm from the floor and at least 1m from heaters, at a temperature max 30°C, relative humidity max 80%

Prior to processing bags with polymer shall be kept in production are for at least 12 hrs.

Information contained herein is provided to the best of our knowledge and is considered true on the revision date. This specification does not release a customer from obligation to check the product as to suitability thereof for the intended application. A producer shall not be liable Information contained herein is provided to the best of our knowledge and is considered true on the revision date. This specification does not for any loss and damage that might occur due to use of this information